

CLAIMS

What Is Claimed Is:

1. A cable support structure, comprising:
a shaft having a first and second end bent at the first end into a fastening loop
and bent at the second end into a cable support loop;
a saddle encasing the support loop at the second end; and
a fastener held by the fastening loop at the first end.
2. The cable support structure of claim 1 wherein the shaft is bent at a right angle
at the first end before the fastening loop.
3. The cable support structure of claim 1 wherein the saddle comprises flat stock
with an integral sleeve, the support loop portion of the shaft being encased by the sleeve.
4. The cable support structure of claim 3 wherein the flat stock of the saddle
flexes to open and close the support loop at the second end.
5. The cable support structure of claim 1 wherein the fastener comprises:
a wood nail or wood screw; and
a bushing held by the small loop for holding the nail.
6. The cable support structure of claim 1 wherein the fastener comprises:
a metal screw; and
a bushing held by the small loop for holding the metal screw.
7. The cable support structure of claim 1 wherein the fastener comprises:
a concrete nail or concrete anchor; and
a bushing held by the small loop for holding the concrete nail.

8. The cable support structure of claim 1 wherein the saddle comprises plastic flat stock with an integral plastic sleeve, the support loop of the shaft being held within the sleeve along the length of the support loop.

9. The cable support structure of claim 8 wherein the plastic flat stock of the saddle flexes at a point beyond the second end to open and close the support loop.

10. The cable support structure of claim 9 wherein the shaft is further bent at a right angle at the first end before the fastening loop.

11. A method of making a cable support structure, the steps of the method comprising.

a) obtaining a straight shaft having a first and second end and a desired length;

b) bending the first end of the metal shaft into a small closed loop;

c) attaching a flat stock of a predetermined length to the second end of the metal shaft; and

d) bending the second end of the metal shaft along a portion of the length of flat stock into a support loop.

12. The method of claim 11, further comprising the step of bending the first end of the shaft at a right angle just before the fastening loop.

13. The method of claim 11 wherein the step of attaching the flat stock to the shaft comprises pushing the shaft into a sleeve integral with the flat stock, sized to fit the shaft.

14. The method of claim 13 further comprising the step of bending the first end of the shaft at a right angle just before the fastening loop.

15. An apparatus for making a cable support structure having a fastening loop at a first end of a shaft and a support loop at a second end of the shaft, the apparatus comprising:

- a spool of a predetermined diameter mounted for rotation about a central axis;
- an arm mounted to the spool and extending parallel to the central axis of the spool at a fixed distance from the spool; and
- a pair of pegs mounted to an end of the spool, one peg along the central axis, the other peg displaced a fixed distance.

16. The apparatus for making a cable support of claim 15, further comprising:

- a handle with a lever attached to the second end of the spool at the central axis for rotating the spool about the central axis.

17. The apparatus for making a cable support of claim 16 further comprising:

- a first platform for the spool located on a center line parallel to the central axis of the spool for supporting the shaft when the second end of the shaft is placed between the spool and arm.

18. The apparatus for making a cable support of claim 18 further comprising:

- a second platform for the spool located on a center line perpendicular to the central axis of the spool for supporting the shaft when the first end of the shaft is placed between the pair of pegs on the spool.

19. The apparatus for making a cable support of claim 18 wherein the second platform is movable from its operative location.

20. The cable support structure of claim 1, further comprising:

- a second saddle fastened to the shaft at a point between the fastening loop at the first end and the saddle at the second end.

21. The cable support structure of claim 20 wherein the second saddle comprises:
flat stock with an integral sleeve; and
a shaft encased by the integral sleeve of the flat stock, the shaft being bent into
a second cable support loop.
22. The cable support structure of claim 21 wherein the flat stock of the second
saddle flexes to open and close the second cable support loop.
23. The cable support structure of claim 21 wherein the second saddle is fastened
to the shaft by a grasping mechanism formed out of spring steel and fixedly attached to the
second saddle.
24. The cable support structure of claim 23 wherein the grasping mechanism
comprises:
at least one inside arm and one outside arm for grasping the shaft between
them and thereby holding the saddle fast to the shaft.